

AMENDMENTS TO THE SPECIFICATION:

Attached is a Substitute Specification, with changes shown by strikethrough (for deletions) or underlining (for added matter). It is requested that it be substituted for the originally filed specification.

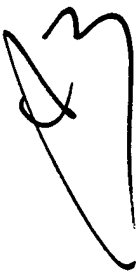
The undersigned, who is admitted to practice before the U.S. Patent and Trademark Office, verifies that the Substitute Specification contains no new matter.

Also attached is a Comparison Copy, which shows the changes made to the originally filed specification and incorporated in the Substitute Specification.

AMENDMENTS TO THE ABSTRACT:

Please substitute the following version of the Abstract, with changes shown by
strikethrough (for deletions) or underlining (for added matter).

ABSTRACT OF THE DISCLOSURE



~~The invention relates to an~~ An apparatus for determining a distance profile ~~comprising~~ has a light transmitter for transmitting pulse-like light signals in the direction of a monitored space, a light receiver for receiving light signals reflected/remitted from the monitored space and an evaluation unit for determining distance values in dependence on the light transit time between the transmission and reception of the light signals, with the light transmitter being designed for the simultaneous transmission of a plurality of light signals in the direction of a plurality of ~~reflection/remission~~ reflection/remission points disposed in the monitored space and spaced apart from one another, and with the light receiver including a plurality of photodiodes for the reception of light signals reflected/remitted by the reflection/remission points.

AMENDMENTS TO THE DRAWINGS:

Attached hereto is a marked-up copy of Fig. 2 which shows, in red ink, a proposed amendment to illustrate the "light deflection device" now recited in claim 1 and as required in paragraph 2 of the above-referenced Office Action. Also enclosed is a formal drawing which shows the proposed change. It is requested that the enclosed formal drawing for Fig. 2 be substituted for the originally filed drawing.